



OUR examinations tell the trouble
Our Glasses correct it.
Northrup Optical Co.
Successor to
SWIGERT BROS.
9 East Adams St.
Prescription lenses ground in our own shop

Garden City Restaurant
New Location
21-23 East Adams St.

SALT RIVER VALLEY MOUNTAIN WORKS
V. E. Lindsay, Prop.
409 West Washington St.
Arizona granite as well as all other granite used.
Phone 1223 for prices

BENNETT LUMBER COMPANY
Everything in Lumber

MACHINERY
Machinery of all kinds built, rebuilt or repaired. Best equipped shop in state. Only expert mechanics. Work guaranteed.
O'NEILL AUTO & SUPPLY CO.
325-328 N. Central

ARIZONA CLEANING WORKS
MRS. L. WILSON
SATISFACTION GUARANTEED

Send Your Children Here to Trade

They are always welcome and just as careful attention will be given their wants and the orders they bring, as though you came yourself.

Central Pharmacy
W. R. Wayland, Mgr.
Goodrich Block.
Phone 531—anytime from 7:30 a. m. to 10:30 p. m.

WOOD AND COAL
Phoenix Wood and Coal Co.
So. 3rd and Jackson Sts.
Phone 1235

Lodge Notices
LOYAL ORDER OF MOOSE
Phoenix Lodge, No. 798: Meetings every Tuesday, Moose home 28 S. Center. Visiting brothers invited. George N. MacBean, Dictator; Walter R. Van Tyne, Secretary.

REDEWILL MUSIC CO.
Established in 1881
224 West Washington St.
INSTRUMENTS REPAIRED
Pianos Rebuilt and Refinished

DAINTY WOMEN USE

Beaut Cream of Almonds because it is soothing, cooling, cleansing.

—Clearing the skin and helping to make it smooth, satiny, healthy-beautiful.

—Delightfully fragrant, and quickly absorbed.

—Just the thing to keep the skin pretty and comfortable these windy, stormy days—50c.

WOL DRUG CO.
The Rexall Store
A. H. MILLER, MGR.
MOTORCYCLE DELIVERY—LIVE AND BEAT

Of Local Interest

STORED WATER SUPPLY

Water service report for Jan. 4: Elevation of water in reservoir, feet 149.55
Contents of reservoir, acre ft. 401,726
Gain preceding 24 hours, acre feet 2,089
Elevation of water one year ago today 114.67
Contents of reservoir one year ago today 170,874
Flow of Salt and Verde rivers at Granite Reef dam, M. 1. 60,400
Amount of water used for irrigation, north side, M. 1. None
Amount of water used for irrigation, south side, M. 1. None

LOCAL WEATHER YESTERDAY

6 a.m. to 6 p.m.
Temperature, degrees 52
Sensible temperature 45
Humidity per cent 48
Wind direction E
Wind velocity, miles 7
Rainfall 0
Weather Pt. Cloudy Clear
Highest temperature 65
Lowest temperature 49
Mean relative humidity 54
Total rainfall 0
Excess in temperature yesterday, 8 degrees.
Excess in temperature since first of month, 28 degrees.
Accumulated excess in temperature since January 1, 28 degrees.
Deficiency in rainfall yesterday, .02 inch.
Deficiency in rainfall since first of month, .06 inch.
Accumulated deficiency in rainfall since January 1, .06 inch.

Data for Tucson

Highest temperature yesterday 68
Rainfall yesterday 0
ROBERT R. BRIGGS,
Section Director.

COLLEGE CLUB MEETS—There will be a meeting of the College club at the high school Wednesday afternoon at 3:30. Mrs. Henry D. Ross will address the club.

MARRIAGE LICENSES—Marriage licenses were issued yesterday to Louis Ringler and Juana Valenzuela, Mark Dunbar and Theresa Johnston, all of Maricopa county.

MISSIONARY SOCIETY—The Ladies' Foreign Missionary Society of the First M. E. church will meet at the home of Mrs. Dr. Munson, 334 North Fourth avenue, Tuesday afternoon, January 5th.

JUDGE PARKER ILL—Justice of the Peace Parker, for the East Phoenix precinct, is ill, with acute indigestion, and unable to attend to the duties of his office. The office is in charge of an assistant temporarily.

BIBLE TEACHERS' INSTITUTE—C. R. Craig will address the Bible Workers' classes tonight at the Y. M. C. A. on the subject, "The Christian's Richest Field for Service." All Sunday school and church workers in the city are invited to attend.

TEARING DOWN TOWER—Manager Farish placed a force of men at work yesterday removing the host tower from the Central fire station, and in taking down chimneys and other portions of the building not actually necessary to the structure as a preliminary step toward razing the entire structure to make way for a new central station, soon to be erected.

HIGH BRED COLT—Dr. Alex Davidson, has reported the first high bred foal of the season, out of his mare Lillian Zolock, 2:22 1-4, by Directly 2:03 1-4. The sire of Lillian Zolock was Zolock 2:05 1-4 and her dam was Lillian Welborn. Lillian Zolock, the dam of the new colt, was at one time a very fast pacer, and as a two-year-old, cleaned up many purses in around 2:17.

STRUCK A POLICEMAN—F. J. Lambert, of East Washington street, is ill, with acute indigestion, and unable to attend to the duties of his office. The office is in charge of an assistant temporarily.

MOSE IS BACK—Moses C. Peoples, clerk at the city ticket office of the Arizona Eastern, has returned from his annual vacation of six weeks, during which time he visited both coasts and a number of interior cities. After leaving Los Angeles and San Francisco and enjoying himself in Salt Lake City, he continued on to Denver, Kansas City, Chicago, Philadelphia and New York. When he found six feet of snow on Broad street in Philadelphia, and a ninety-mile gale blowing along Michigan avenue in Chicago, he decided it was time to bring Mrs. Peoples back to the valley, where overcoats are a luxury and overshoes unknown.

HAYDEN SERVICE RESUMES—The first passenger train over the Arizona Eastern line to Hayden and Winkelman since the rainfall leaves this morning on schedule time. A freight train was sent over the line yesterday and reports received last night tell of its safe arrival. The roadbed is now in excellent condition, extensive repairs aggregating in cost approximately \$50,000 having been completed. In one instance where water completely washed out the road bed it was necessary to blast out an entirely new bed from the side of a mountain. At this particular point, with the installation of the new tracks, such a condition cannot again obtain.

GUNS for rent—Pinney & Robinson—Advertisement.

If the Sun Shines, Drag the Roads!

RIGHT-OF-WAY

FOLDERS—The Board of Trade is receiving bids on ten thousand new Phoenix folders of the usual class design.

COLLEGE HALL DANCE—The annual ball at College hall will take place this evening beginning at 8 o'clock.

EL ZARIBAH TEMPLE—The monthly meeting of El Zaribah Temple of the Mystic Shrine will be held on Wednesday evening.

ARNOLD ANNIVERSARY—Mr. and Mrs. C. E. Arnold celebrated their "tin anniversary" at their home in West Phoenix last evening.

EASTERWOOD'S PLACE—John H. Easterwood, a popular young cigar dispenser, has opened a new place next the Empress theater. He has many friends here.

WANTS LAMBS—The Board of Trade is in receipt of inquiries for small lambs. Information on the subject of possible sources of supply would be welcomed.

DOWN FROM PRESCOTT—Dr. R. N. Looney of Prescott, superintendent of public health, was in the city yesterday on business. He returned to the Mile High city last evening.

A LEGISLATOR HERE—Hon. J. W. Buchanan of Tucson, one of those returned to the legislature from Pima county, arrived in Phoenix yesterday. Mr. Buchanan secured the largest vote of any candidate in his county.

PYTHIAN SISTERS ATTENTION—The Pythian Sisters will hold their regular meeting this evening at 7:30 o'clock sharp. A full attendance is urged, especially of the degree staff, as there is considerable practice needed yet for the open installation Friday night.

BACK TO TUCSON—Mrs. Frank E. Curley and Marie Curley, Alfred A. Trippell and Mr. Landers, all of Tucson, who have been the holiday guests of Mr. and Mrs. E. J. Trippell of West Monroe street returned to the Old Pueblo yesterday.

HERE FOR WINTER—Among the recent arrivals at the Ingleside club are Mr. and Mrs. Donald Dunbar of Chicago, C. L. Meyer of Denver, Mr. and Mrs. D. E. Newell of New Jersey, and Daniel Rexroth of Bucyrus, O. All expect to remain here during the winter.

UNDELIVERED TELEGRAMS—There are undelivered telegrams at the Western Union Telegraph office for the following: Tom Hilbert, White, Tom Hilbert, Ryan, Carl P. Kimble, Albert Thompson, Mrs. Geo. W. Bennage, J. M. Douglass, Mr. Greenbaum.

TRINITY PARISH MEETING—A special meeting of members of Trinity Pro-Cathedral will be held this afternoon at 2 o'clock at the parish house. All members are urged to be present, as business of importance is to be transacted. But a few minutes' time will be required.

BILLIARD EXPERT HERE—Tony Sacaroni, noted billiard expert of Denver, is in the city, visiting John McRay of the Mountain States Telephone company. Mr. Sacaroni gave an exhibition of his art at the Arizona club last night, his opponent being F. C. Struckmeyer.

BOB BOARDMAN LECTURES—At a meeting of the newly organized Y. M. C. A. at the Temple normal school, last night, Robert W. Boardman, boy's secretary of the Phoenix Y. M. C. A. gave a talk on "The Value of Bible Study in the Life of a Student." There was a large attendance at the meeting, and Mr. Boardman's remarks were listened to with much interest.

PATCHWORK GIRL OF OZ—Manager Harry Nace of the Arizona Theater, announces as a special attraction the highly interesting six-reel feature, "The Patchwork Girl of Oz" for Tuesday, Wednesday and Thursday. This intensely interesting reproduction of the story that has for years appealed to every child and to their elders as well, has been gorgeously staged and admirably cast. A special school children's matinee has been arranged for Wednesday afternoon at 3:15 o'clock and it is likely the Arizona theater will house a capacity audience on that occasion.

TOO BUSY—Muford Winsor, chairman of the land commission; Chairman Commissioner C. M. Zander, and Chairman Geary of the corporation commission, who were scheduled to speak at the cattle growers' convention at Douglas this week, are unable to attend on account of the rush of work in their respective offices. Winsor and Zander have been more than busy the last two weeks preparing reports for the legislature.

GASS BROS.' CHOP HOUSE—T. J. Fleming, manager of the Anglo-American Range & Refrigerator company of Los Angeles, has been here since Sunday planning and estimating on the new kitchen and refrigeration equipment for Gass Bros.' chop house. As in the original equipment the famous Bohn refrigerators will be used, and Leon Gass, the manager, says that it is possible he will have things arranged even more conveniently than before. It is expected that the new chop house will be reopened in about ninety days.

MONTHLY POLICE REPORT—The report of Chief of Police George O. Briscoe for the month of December, 1914, gives the following facts: Arrests and no charges, 169; arrests and charges, 283; transferred to the county, 8; to state hospital, 1; to U. S. court, 2; to juvenile court, 1; died in jail, 1; complaints withdrawn, 6; suspended sentences, 95; dismissed, 30; served time, 76; paid fines, 105; in jail December 28, 1914, 56; men furnished prisoners, 3138; days worked by city prisoners, 377; bicycles returned to owners, 17; police officers on duty December 31, 1914, 21.

DATE—JAN. 18, 1915

COST BEARING LANDS

(Continued From Page One)

which are being improved and utilized.

The third feature regards the formation of additional water supply for the valley. It is recommended that the twenty-one additional pumping plants, together with those now

existing, be built with the idea of developing not more than 150,000 acre feet of water a year—that amount being estimated as the available supply from underground sources. In case these pumping plants and the Verde dam are to be built by the water users, the reclamation service will cooperate in the engineering and administrative departments.

The Report
The report is dated November 11, and is signed by Acting Chairman Arthur P. Davis of the reclamation commission, and approved by Assistant Secretary of the Interior A. A. Jones. It recites the history of the move that resulted in the reclamation service and the water users naming the survey board. It continues, giving lists of preliminary reports submitted from time to time and approved both by the water users' association here and the reclamation commission. Maps of the project, defining with great exactness the lands to be considered inside the project, are designated by the report as official, so that a detailed description of project and non-project lands was not necessary.

The correction of clerical and other slight errors in the preliminary maps and reports, adds 37 acres to the area of the project.
The 220,000 acres of land comprised in the classification given above, are all considered as "irrigable," and will, in due course of time, be actually irrigated by future development. Indian lands, amounting to about 2000 acres, are signed with the project, but their status is not fully determined.

An important paragraph in the letter refers to new lands.
"The commission is of the opinion that no lands should be included in the project at this time that cannot be adequately served from the present developed water supply and that all additional lands, proposed to be included through the development of additional water supply shall be considered only as a new unit of the project, dependent upon approval and appropriation by congress under the act of August 13, 1914 (reclamation extension act) or upon the development of such additional water supply by the water users directly."

Recommendation

The commission therefore recommends:
1st. That the map herewith be approved and substituted for that approved June 2, 1914, as fixing the boundaries of the Salt River project, subject to such minor adjustments as may later be approved by the secretary.
2nd. That the 172,275.71 acres of land listed above as (a) cultivated and so indicated on the map to be considered a part of the project and entitled to water under the reclamation law, to the extent of not exceeding 160 acres in single ownership for private lands.
3rd. That the 8,324 acres of land listed above as (b) townsites and so indicated on the map be considered a part of the project and entitled to apply for water under the act of April 16, 1906 (34 Stat., 116).
4th. That the state school lands cultivated and uncultivated and other uncultivated lands listed above as (c), (d) and (e) be not considered a part of the project at present, but that such lands as a new unit dependent upon the development of additional water supply for such lands, except that whenever the water supply developed by the government system exceeds that required by the lands of the project, such excess water may be furnished to other lands on a temporary rental basis, preference being given to the state school lands now under cultivation.

5th. That if the Water Users' Association undertakes the development of additional water supply by the construction of the Horseshoe reservoir or addition pumping plants or both, the reclamation service be authorized to cooperate with the association in such work, as to engineering and administrative matters.
6th. That the additional water supply may be developed by private parties by the construction of additional pumping plants under rules and regulations approved by the reclamation commission.

7th. That in any case the capacity of all pumping plants on the project, including those already built, shall not exceed the estimated available water supply from underground sources of 150,000 acre-feet per annum.

FINANCES AND MARKETS
[ASSOCIATED PRESS DISPATCH]
NEW YORK, Jan. 4.—The reopening of the London Stock Exchange, promptly denied peace rumors, the successful flotation of the \$15,000,000 Argentine loan, and evidence of the January reinvestment demand, influenced today's strong and moderately active securities market. Leading shares, particularly the international division, rose one to three points, with similar gains in less prominent stocks. New York City three-year 6 per cent. notes reached a new high level, while London exchange dropped within a fraction of the lowest price within a year.

General news included unofficial indications of a substantial increase of the December tonnage of the Steel Corporation, further equipment inquiries by leading railroads and a resumption of operations of various mills and factories. Other features were a new high price for wheat, and a western freight movement exceeding that of last year.

Middle west trade advices suggested a definite improvement in general business. Western and southern railroads made more adverse reports of the November earnings. St. Paul showing a decrease of \$784,000 and Louisville & Nashville a loss of \$593,000. Time loan quotations were unchanged, but were lower on high class collateral. Interior banks loaned considerable and renewed the recent buying of mortgage paper. London's dealings in Americans were limited by the restrictions imposed, New York Central alone man-



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BUT you don't have to go far to get a new hat. Have you ever worn a Knox feather-weight soft felt? If you haven't, we doubt if you know how comfortable a hat can be—or how good-looking.

We sell hats just the way we sell clothes—on the theory that you can't get them too good. And we never do quite so well by you as when we sell you a Knox hat.

McDOUGALL AND CASSQU KNOX HATS



BRUSH UP NEW HAIR BRUSH

We are offering some extraordinary fine hair brushes at the lowest price. Now just come in and see that different kind that we sell. They last several years. Remember the Quality Drug Store corner is always open.

Elvey & Hulett

Quality Druggists, Never Substitute.
Phones 411 and 441, Phoenix
O'Neill Bldg.
Northwest corner Adams and 1st Ave.

Your Good And Ours

If you want a shoe that's "IT" from the kick-off—a shoe that will stand all the mass plays and scrimmages—a shoe with which you can buck up against anything—tackle our PURITAN

Model. In Tan or Black Calfskin \$5.00.

For young men, or men who have the love of good shoes in their veins.

H. A. DIEHL SHOE CO.

feeling strength. Bonds, opening irregularly, closed firm. Total sales represented a par value of \$1,454,000.

Metals
NEW YORK, Jan. 4.—Silver, 48 1/2; Electrolytic, 12 1/2 to 13 1/4; copper unsettled.

Stocks
Amalgamated, 53 1/4; Spaulding, 57 1/4; Santa Fe, 93 1/2; St. Paul, 87 1/2; New York Central, 86 1/2; Pennsylvania, 106 1/2; Reading, 145 1/2; Southern Pacific, 82 1/2; Union Pacific, 117; Steel, 50 1/2; Steel, preferred, 105 1/2.

TENNIS GOODS, Pinney & Robinson—Advertisement.

221 W. Jefferson St. Tel. 1330
Phoenix Oil Co.

SPECIALS
Zerolene Transmission "B. B."
Zerolene Cup Grease Medium.
Zerolene Engine Oil, 3 grades.
Calol Liquid Gloss.
Calol Castor Machine Oil.
Calol Gas Engine Oil.
Standard Gas Engine Oil.
Standard Separator Oil.
Standard Red Crown Gasoline.
Standard Pearl Oil.
Standard Floor Dressing.
Standard Household Oil.
Standard Thread Cutting Oil.
Standard Incubator Oil.
Standard Press Oil.
Standard Farm Oil.
Standard Motorcycle Oil.
Vacuum Mobil Oil "A."
Vacuum Mobil Oil "B."
Vacuum Mobil Oil "E."
Vacuum Mobile Oil "Arctic."

Free Delivery
DEMAND STANDARD BRANDS

E. S. WAKELIN GROCER CO. WHOLESALE

California Restaurant
Under new management.
Give us a trial!

HAIR GOODS FOR SALE
Ladies' Toilet Parlor, Shampooing, Manicuring and Facial Massage, Hair Dressing, Expert Chiropodists, all foot troubles removed. Moles and warts removed by electricity.
SHIRLEY & SHIRLEY
Phone 1704
39 East Adams Street

Cotton Growers, Attention—Buy your cotton field machinery at **KUNZ BROS. & MESSINGER** and save money. Let us show you.

D.M. Johnson's QUALITY SHOE STORE

S.H.O.E.S. and Hosiery—That's all.
Harry A. Drachman Shoe Co.
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Have the paint specialists to match your colors and mix your paint while you wait. Tell us your paint troubles, thereby save yourself time and money.
CAVILEER & CO.
108 E. Adams. Phone 1829

ARIZONA BEST RIPE OLIVES
Munger Bros. Co.

Save \$4.00 on The Arizona Republican subscription for \$19.15. Five dollars will pay for the full year, including Phoenix' only Sunday newspaper. Seven days instead of six. This great bargain offer is made but once each year. Thereafter 75 cents per month only will again be accepted. Offer not good after January 9th.

An Opportunity
KNOCKING AT YOUR DOOR

I Want To Sell

The Hartford Bank Building, 21 West Washington street, Phoenix, regardless of cost of value assessed. I want an offer, cash or terms. I cannot stay here to take care of it. Call or address

M. BROWN, Owner, 206 East Moreland, Phoenix, Arizona.

We have
Been "Going Up" for 33 Years
in the estimation of the Salt River Valley depositors
The National Bank of Arizona
'OLD RELIABLE'

DE MARVEL HAIR AND TOILET CO.

Mr. and Mrs. G. O. Wold, who owned and operated the California School of Massage and Chiropody, (Inc.), 245 South Broadway, and the De Marvel Toilet Shop, 1228 West Seventh street, Los Angeles, received so many requests and invitations to locate in Arizona that Mr. Wold came over here October 14 and spent two months looking the state over, and in spite of the temporary financial depression, decided to locate in Phoenix.

Stock and fixtures for the De Marvel Hair and Toilet Shop and the De Marvel Institute arrived December 3-10, and they leased 439-441 West Washington street from Jack Tharp on December 15, and are now ready for business.

The De Marvel Institute specializes in chiropody and foot appliances, Swedish and De Weir Mitchell's massage, physical culture, electricity and vibrations, also electric cabinet, vapor and mineral baths. Thoroughly trained operators of both sexes in attendance.

The De Marvel Hair and Toilet Shop specializes in face, skin and scalp treatments in addition to general work and residence work. They are manufacturers and importers of the De Marvel Toilet Requisites, Hair and Shell Goods. They make switches, transformation puffs, curls, etc., to order of your own combings or cut hair, and have the greatest variety of shell goods and the largest stock of real human hair ever brought into Arizona. Buying in large quantities and being outside the high rent district they propose to sell hair and hair goods cheaper than most dealers can buy them. They want to impress on the public that they sell nothing but real human hair, not combings from diseased heads, nor so-called Chinese hair, all their hair being sold under a guarantee.

Most people who have lived in Arizona some time realize that our climate is very severe on the skin and hair on account of the dry heat and fine invisible dust in the air. Ladies also know that facial creams become rancid and stale in a short time here, and if used will cause pimples, blackheads, large open pores, and most so-called invisible or vanishing creams make the skin very dry, as they contain no vegetable oils to replace the natural oil of the skin, which our dry heat seems to draw out, and which, if not attended to, leaves the skin hard, chaffed and wrinkled.

The De Marvel Toilet Co. manufactures face creams, powders, rouges, lotions, skin bleach, bleaching cream and hair rejuvenator to meet Arizona conditions, and will make it fresh to your order. All goods will be sold on a money-back basis in case it does not give satisfaction, and under guarantee it contains no mineral matter or animal fats nor anything which causes hair to grow on the face. These are the retail prices on their toilet requisites:

De Marvel Hair Rejuvenator, \$1.00
De Marvel Massage Cream 50
De Marvel Cleansing Cream 50
De Marvel Skin Food 50
De Marvel Peroxide or Vanish- ing Cream 50
De Marvel Face Powder, different colors 25
De Marvel Skin Bleach 50
De Marvel Cream Lotion 50
De Marvel Liquid Rouge 25
De Marvel Bleaching of Freckle Cream 1.00
National Foot Ease 25
First-class demonstrators and skilled operators in all branches of work will call at your residence if you phone for appointment.
Special prices for quantities and to dealers.

De Marvel Hair & Toilet Co.
439-441 West Washington Street.
Phone 1926

4% Phoenix Savings Bank & Trust Co.

AMERICAN KITCHEN
Regular Meals, 35 Cents.
Short Orders All Night.
33 North Center, Phoenix.
Yee Sing, Proprietor.